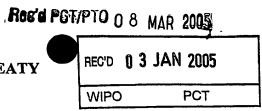
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PATENT COOPERATION TREATY



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

10/527042

(PCT Artcle 36 and Rule 70)

Applicant's or agent's file reference OPP020911KR	FOR FURTHER ACTION		onofTransmittalofInternationa Report (Form PCT/IPEA/416	-
International application No. PCT/KR2002/001893	International filing date/day/mo	• •	Priority date (day/month/ye	
nternational Patent Classification (IPC) IPC7 G02F 1/1337		 		3.00.2002)
spplicant SAMSUNG ELECTRONICS	CO., LTD. et al			
This international preliminary en and is transmitted to the applicant. This REPORT consists of a total This report is also accompanied and are the basis	t according to Article 36.	nding this cover s	sheet. ion, claims and/or drawings v	vhich have been
	he Administrative Instructions u			
IV Lack of unity of in V X Reasoned stateme citations and expla VI Certain documents VII Certain defects in	of opinion with regard to novely vention nt under Article 35(2) with regan nations supporting such stateme	rd to novelty, inv		cability;
Date of submission of the demand	Da	te of completion	of this report	
01 APRIL 2004 (01.04.2004)	21 DECEN	MBER 2004 (21.12.2004)	
Name and mailing address of the IPE. Korean Intellectual Prope 920 Dunsan-dong, Seo-gr Republic of Korea Facsimile No. 82-42-472-7140	erty Office u, Daejeon 302-701,	thorized officer LEE, Jong Jo lephone No. 82		(NES)



International aplication No.

PCT/KR2002/001893

I.	Basis	sis of the report	
1.	With	th regard to the elements of the international application:*	
	X	the international application as originally filed	
	X		
			originally filed
		pages NONE , filed with the letter of	th the demand
	X		· · · · · · · · · · · · · · · · · · ·
	P)	nones 21.22	riginally filed
		pages NONE , as amended (together with any statment)	under Article 19
			th the demand
	X		
		nages 1-23	
		pages NONE , as o	riginally filed
		pages NONE filed with the letter of	
		the sequence listing part of the description:	
		pages, as or	iginally filed
		pages	the demand
		· ·	
2.	mc I	Ith regard to the language, all the elements marked above were available or furnished to this Authority in the einternational application was filed, unless otherwise indicated under this item. These elements were available or furnished to this Authority in the following language English The language of a translation furnished for the purposes of international search (under Rule 23.1(b)). The language of publication of the international application (under Rule 48.3(b)). The language of the translation furnished for the purposes of international preliminary examination (under 55.3).	which is
3.	Wit prel	Vith regard to any nucleotide and/or amino acid sequence disclosed in the international application, the reliminary examination was carried out on the basis of the sequence listing: contained in the international application in written form.	international
		filed together with the international application in computer readable form.	
		furnished subsequently to this Authority in written form.	
	$\overline{\Box}$	furnished subsequently to this Authority in computer readable form	
		The statement that the subsequently furnished written sequence listing does not go beyond the dinternational applicationas as filed has been furnished. The statement that the information recorded in computer readable form is identical to the written sequence listing does not go beyond the dinternational applicational application as filed has been furnished.	
		our administra.	
4.		The amendments have resulted in the cancellation of:	
		the description, pages the claims, Nos.	
		the claims, Nos.	
		the drawings, sheets	
5.		This report has been established as if (some of) the amendments had not been made, since they have to go beyond the disclosure as filed, as indicated in the Supplemental Box(Rule 70.2(c)).**	
	ere erec	placement sheets which have been furnished to the receiving Office in response to an invitation under Article This opinion as "originally filed." and are not annexed to this report since they do not contain amendment of 70.17).	14 are referred to s (Rules 70.16
**	Any r	y replacement sheet containing such amendments must be referred $$ to under item $$ I and annexed to this report	



Internat	ional	aplication	ı No

PCT/KR2002/001893

. Statement			
Novelty (N)	Claims	1-13	YES
	Claims		<u>N</u> O
Inventive step (IS)	Claims	1-13	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-13	
	Claims		NO

Claims 1-13 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest first and second DCE TFTs switching the signals transmitted to a DCE and a pixel electrode to generate initial direction-control voltage, thereby ensuring stable brightness.